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DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

JOHN R. BAZA
Division Director

Inspection Report

Minerals Regulatory Program

Report Date: September 14, 2006

Supervisor 

Mine Name: Papoose
Operator Name: Cotter Corporation

Permit number: M0370084
Inspection Date: August 29, 2006
Time: About 5:15-6:30 PM

Inspector(s): Paul Baker
Other Participants: None
Mine Status: Active

Weather: Clear, 70s

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:
This was a routine inspection.

Inspection Summary:

3. Protection of Drainages / Erosion Control

At the northwest corner of the mine, the operator has installed a sediment trap. The outlet had a silt fence, but the operator has now placed several large rocks at the outlet. The silt fence was a maintenance problem and seemed to fail frequently, but the rocks should help that situation.

9. Soils

Soils are stockpiled on the northeast and southwest sides of the mine, and the operator has recently been clearing a new area and stockpiling these soils. Vegetation on the soil stockpiles consists almost entirely of Russian thistle.

12. Other

I used a GPS unit to map the disturbed area, and a copy of the map is enclosed. The total disturbed area, including the access road, is 37.11 acres.

Conclusions and Recommendations:

The operator needs to try to establish perennial vegetation on the soil stockpiles. I suggest that the stockpiles be roughened and seeded either in the fall or early in the spring.

M0370084
Page 2 of 2

Inspection Date: August 29, 2006; **Report Date:** September 14, 2006

Inspector's Signature Re B RU **Date:** 2/28/07

PBB:pb

cc: Cotter
John Blake, SITLA

Attachment: Map & Photos

P:\GROUPS\MINERALS\WP\M037-SanJuan\M0370084-Papoose\inspections\uns-08302006.doc

ATTACHMENT

Photographs

M0370084, Papoose Mine, Cotter Corporation

Inspection Dated: August 29, 2006; Report Dated: September 14, 2006



Photo 1. Rocks at the outlet of the sediment trap at the northwest corner of the mine.



Photo 3. One of the soil stockpiles is in the foreground.



Photo 2. The sediment trap.

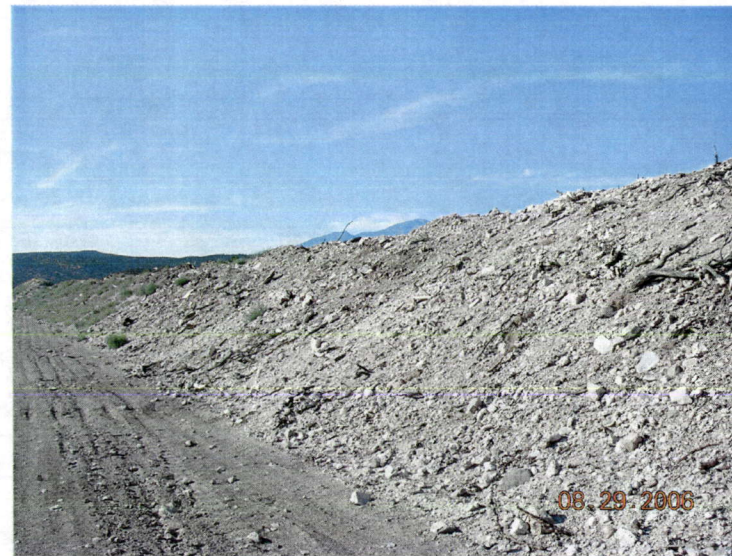
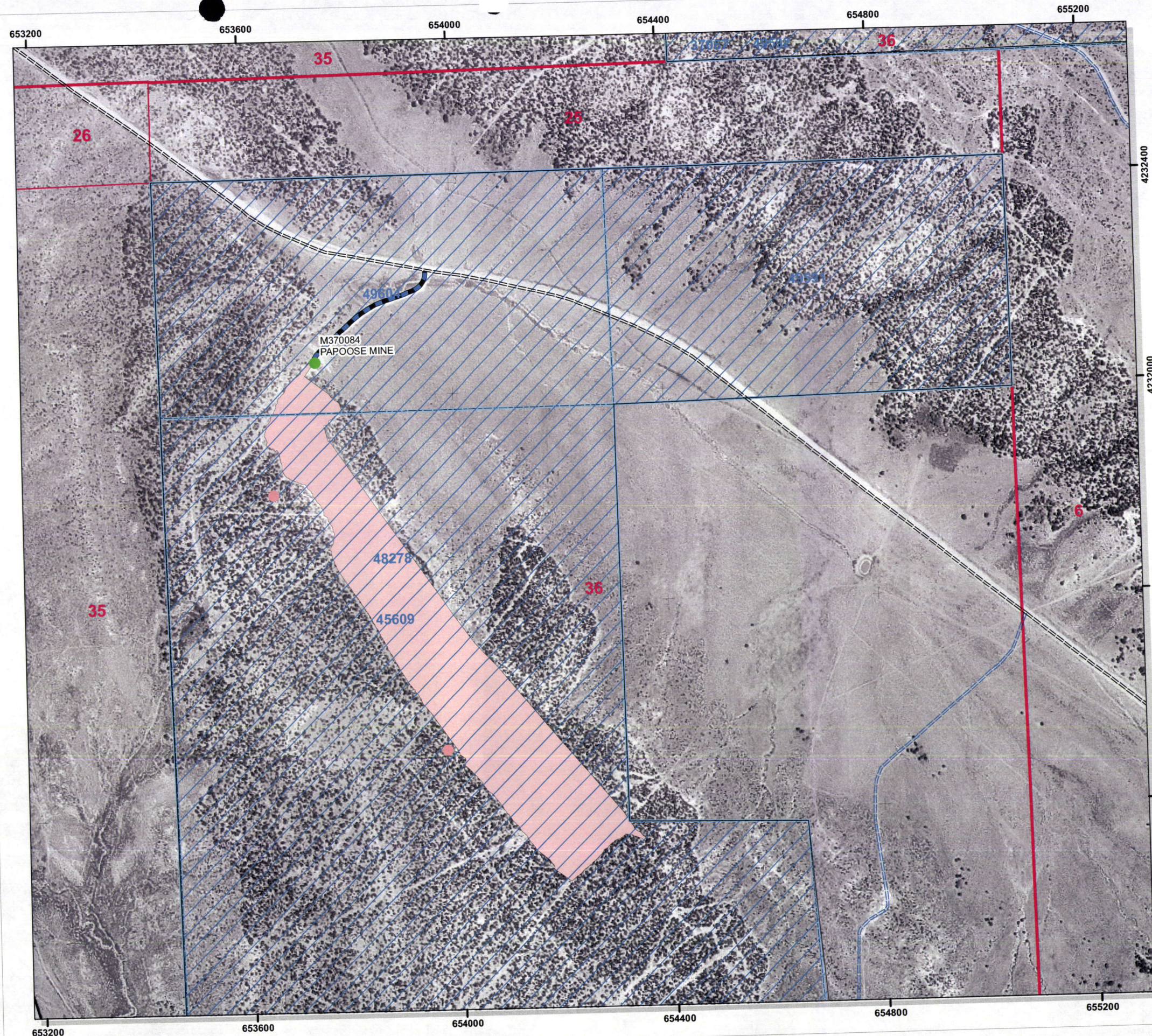


Photo 4. Soil that has been recently stockpiled.

ATTACHMENT
Photographs
M0370084, Papoose Mine, Cotter Corporation
Inspection Dated: August 29, 2006; Report Dated: September 14, 2006



Photo 5. The new area being cleared.



Mine Number: M0370084
Mine Name: Papoose Mine
Township 29.5 S Range 24 E Section 36 SLBM

Inspection Date Aug. 29, 2006
Map Produced by DKS

Acres Disturbed	36.73
Acres Regraded	0
Acres Seeded	0
Road Acres Disturbed	0.38

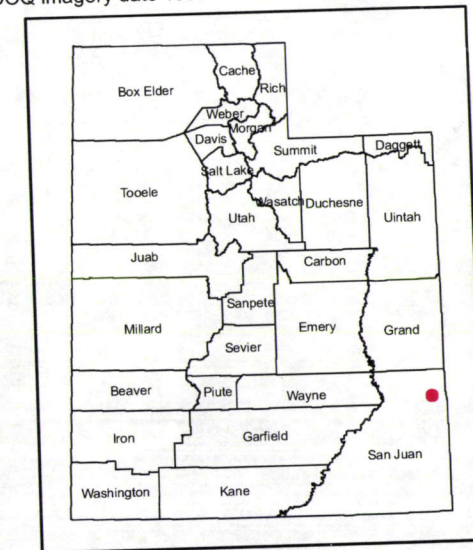
Total Acres Disturbed	37.11
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Acres Released	0
Acres Excluded	0
Acres PreExisting	0
Acres Prelaw	0

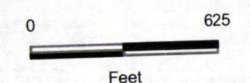
Legend
All items symbolized in legend may not be appear on map

- | | |
|-----------------|---|
| County Boundary | Township or range Line |
| Access | Township or range line: location doubtful |
| Mine | Section line |
| NonMine | Section line: location doubtful |
| Reclaimed | Disturbed |
| Other | Regraded |
| Interstate | Seeded |
| US Route | Released |
| State Route | Excluded |
| Primary Route | PreExisting |
| Secondary Route | Prelaw |
| Main Dirt Road | Bond Area |
| Unimproved Road | SITLA Mineral Leases |
| Interchange | BLMSalableMinerals |
| Trail | CommunityPit |
| | SITLA Mineral Ownership |

DOQ imagery date 1997



Dept. of Natural Resources
Division of Oil, Gas, and Mining
Mineral Mines Program



1:7,500 1 inch equals 625 feet
Verify Scale

Different data sources and input scales
may cause misalignment of data layers.
This product may not meet DGM
standards for accuracy and content.